

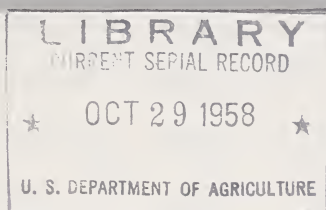
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# FOREIGN AGRICULTURE CIRCULAR

U.S. DEPARTMENT OF AGRICULTURE  
Foreign Agricultural Service Washington D.C.



LIVESTOCK AND MEAT  
FLM 7-58  
July 29, 1958

## WORLD MEAT PRODUCTION

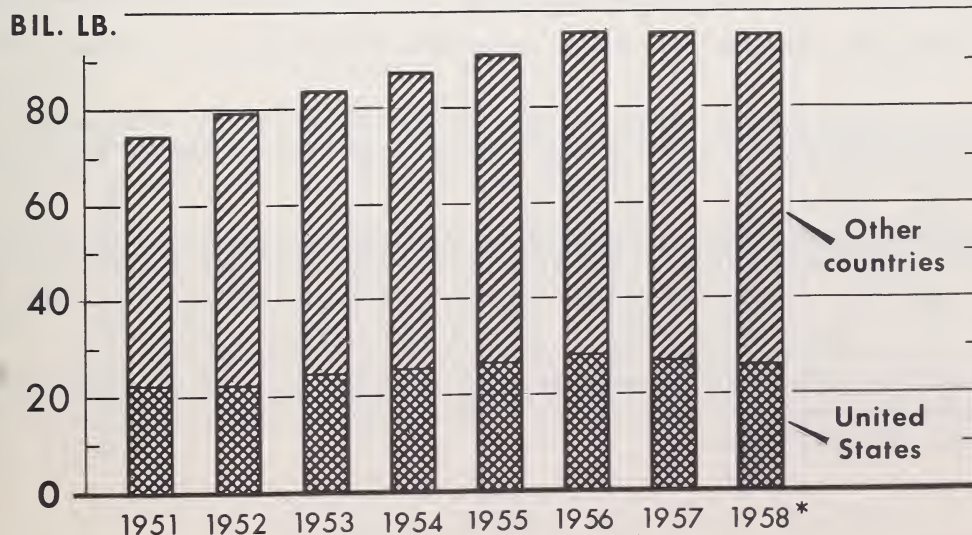
### LEVELS OFF

Production of red meat during 1957 in the 43 countries for which estimates have been made totaled 95 billion pounds, substantially equal to 1956. Gains in Europe, the U.S.S.R. and Oceania were offset by declines in North and South America. This is the first leveling off of red meat production, which had been rising at about 5 percent per year, since it started its postwar recovery in 1948. However, production in 1957 was still 14 percent above the average for 1951-55.

Pork production remained level in 1957 with sharp rises in most areas being offset by drops in North America and Oceania. Production was 14 percent above the 1951-55 average.

## MEAT PRODUCTION 1951-58

*In 43 Principal Producing Countries*



\*FORECAST

Table 1 - MEAT PRODUCTION: Summary of 43 countries by areas, average 1951-55, annual 1956-57, with comparisons

Continent or Area	Average			Change	
				1957	1957
	1951-55	1956	1957	1951-55	1956
	<u>Mil. lbs.</u>	<u>Mil. lbs.</u>	<u>Mil. lbs.</u>	<u>Percent</u>	<u>Percent</u>
North America <sup>1/</sup> . . .	28,042	32,179	31,094	+11	-3
South America <sup>2/</sup> . . .	10,079	11,498	11,422	+13	-1
West Europe <sup>3/</sup> . . .	22,106	25,062	25,427	+16	+1
East Europe <sup>4/</sup> . . .	7,460	8,762	8,780	+18	--
U.S.S.R. . . . .	8,835	10,275	10,840	+23	+5
South West Asia <sup>5/</sup> . .	1,255	1,430	1,430	+14	--
South & East Asia <sup>6/</sup>	606	826	847	+40	+3
Union of South Africa	976	1,066	1,069	+10	--
Oceania <sup>7/</sup> . . . . .	3,784	4,075	4,281	+13	+5
Total . . . . .	83,143	95,173	98,190	+14	--

<sup>1/</sup> Canada, Mexico, United States and Cuba. <sup>2/</sup> Argentina, Brazil, Chile, Colombia, Paraguay, and Uruguay. <sup>3/</sup> Excludes Iceland. <sup>4/</sup> Excludes Albania. <sup>5/</sup> Egypt, Iraq, Iran, and Turkey. <sup>6/</sup> Philippines and Japan. <sup>7/</sup> Australia and New Zealand.

Beef and veal production in 1957 was also at approximately the 1956 level, but 17 percent above 1951-55. During 1957 increases in Western Europe and Oceania were recorded while production dropped or remained level in other areas.

Mutton and lamb production rose sharply in Oceania last year, but this gain was more than offset by declines in the rest of the world. South America showed the sharpest decline. Total lamb and mutton production in 1957 was 6 percent above average.

The outlook for 1958 is for a level of production equal to or slightly lower than 1957. Although pork production may well show a rise; beef, veal, mutton and lamb output will probably drop.



Table 2.--BEEF & VEAL: Production in 43 countries, average 1951-55,  
annual 1951-57 1/

Countries	1951	1952	1953	1954	1955	Average 1951-55	1956	1957	Change	
									1957 1951-55	1957 1956
	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Percent	Percent
<b>North America</b>										
Canada . . .	888	872	1,109	1,255	1,279	1,081	1,354	1,438	+33	+06
Mexico . . .	800	822	718	770	747	771	794	886	+15	+12
United States . . .	9,986	10,819	13,953	14,610	15,147	12,903	16,094	15,720	+22	-02
Cuba . . .	395	372	376	370	380	379	388	407	+07	+05
Total . . .	12,069	12,885	16,156	17,005	17,553	15,134	18,630	18,451	+22	-01
<b>South America</b>										
Argentina . . .	4,183	3,942	3,892	4,001	4,733	4,150	5,545	---	---	---
Brazil . . .	2,607	2,551	2,578	2,646	2,595	2,595	2,557	2,588	---	+01
Chile . . .	248	249	256	195	---	229	---	---	---	---
Colombia . . .	642	633	592	---	---	610	670	---	---	---
Paraguay . . .	172	170	---	210	---	186	---	---	---	---
Uruguay . . .	661	666	707	661	401	619	475	564	-09	+19
Total . . .	8,513	8,211	8,195	8,305	8,726	8,389	9,652	9,627	+15	---
<b>Europe</b>										
Austria . . .	---	---	263	267	261	256	270	270	+05	---
Belgium . . .	317	337	354	387	405	360	383	378	+05	-01
Denmark . . .	235	252	273	308	298	273	339	426	+56	+26
Finland . . .	102	103	111	111	143	114	149	---	---	---
France . . .	2,182	2,271	2,557	2,999	3,065	2,615	2,899	2,778	+06	-04
Germany, West . . .	---	1,468	1,723	1,841	1,855	1,617	1,872	2,045	+26	+09
Greece . . .	23	26	28	32	34	29	39	44	+52	+13
Ireland . . .	178	200	177	208	159	184	155	177	-04	+14
Italy . . .	645	680	800	903	921	790	962	---	---	---
Netherlands . . .	401	393	386	417	457	411	445	459	+12	+03
Norway . . .	106	96	88	---	120	103	104	105	+02	+01
Portugal . . .	64	66	77	91	89	77	74	75	-03	+01
Sweden . . .	304	287	264	275	325	291	275	260	-11	-05
Switzerland . . .	188	205	212	216	207	206	214	---	---	---
United Kingdom . . .	1,446	1,332	1,366	1,685	1,577	1,481	1,806	1,826	+23	+01
Total-West 2/ . . .	7,971	8,306	9,039	10,204	10,220	9,148	10,306	10,502	+15	+02
Total-East 3/ . . .	1,794	1,989	1,972	1,892	2,009	1,931	2,172	2,125	+10	-02
Total Europe . . .	9,765	10,295	11,011	12,096	12,229	11,079	12,478	12,627	+14	+01
<b>U.S.S.R. . . .</b>										
U.S.S.R. . . .	3,725	4,200	3,925	3,925	4,100	3,975	4,400	4,400	+11	---
<b>Union of South Africa . . .</b>										
Union of South Africa . . .	650	630	725	710	654	674	735	738	+09	---
<b>South-West Asia 4/</b>										
Turkey . . .	111	120	133	167	189	144	203	---	---	---
Total . . .	498	514	578	569	588	549	618	618	+13	---
<b>South &amp; East Asia:</b>										
Japan . . .	152	161	181	186	306	197	307	244	+24	-21
Philippines . . .	73	84	85	45	48	67	58	57	-15	-02
Total . . .	225	245	266	231	354	264	365	301	+14	-18
<b>Oceania</b>										
Australia . . .	1,428	1,339	1,583	1,625	1,678	1,531	1,661	1,773	+16	+07
New Zealand 5/ . . .	397	430	408	445	505	437	559	595	+36	+06
Total . . .	1,825	1,769	1,991	2,070	2,183	1,968	2,220	2,368	+20	+07
TOTAL . . .	37,270	38,749	42,847	44,911	46,387	42,032	49,098	49,130	+17	---

See Footnotes on page 6.

Table 3.--PORK: Production in 43 countries, average 1951-55,  
annual 1951-57 1/

Countries	1951	1952	1953	1954	1955	Average 1951-55	1956	1957	Change	
									1957 1951-55	1957 1956
	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Percent	Percent
<b>North America</b>										
Canada . . . . .	910	1,143	885	917	1,019	975	1,028	847	-13	-18
Mexico . . . . .	287	265	304	334	368	312	406	431	+38	+06
United States . . . . .	11,481	11,527	10,006	9,870	10,991	10,775	11,221	10,500	-03	-06
Cuba . . . . .	---	---	---	82	85	80	91	92	+15	+01
Total . . . . .	12,755	13,013	11,275	11,203	12,463	12,142	12,746	11,870	-02	-07
<b>South America</b>										
Argentina . . . . .	302	301	342	344	344	327	419	---	---	---
Brazil . . . . .	330	435	450	481	492	438	494	524	+20	+06
Chile . . . . .	51	58	64	62	---	59	---	---	---	---
Colombia . . . . .	97	88	93	---	---	93	125	---	---	---
Paraguay . . . . .	---	---	---	---	---	---	---	---	---	---
Uruguay . . . . .	24	41	43	43	38	38	38	32	-06	-06
Total . . . . .	804	923	992	1,023	1,029	955	1,138	1,218	+28	+07
<b>Europe</b>										
Austria . . . . .	---	---	402	392	421	384	434	447	+16	+03
Belgium . . . . .	343	393	394	387	401	384	447	441	+15	-01
Denmark . . . . .	839	806	988	1,065	1,092	958	1,002	1,112	+16	+11
Finland . . . . .	116	105	107	158	139	125	130	---	---	---
France . . . . .	1,512	1,724	1,866	1,825	1,926	1,771	2,180	2,130	+20	-02
Germany, West . . . . .	---	2,824	2,859	2,940	3,331	2,951	3,403	3,577	+21	+05
Greece . . . . .	43	44	44	45	46	44	47	48	+09	-02
Ireland . . . . .	127	145	195	218	190	175	164	190	+09	+16
Italy . . . . .	644	894	838	691	755	764	942	---	---	---
Netherlands . . . . .	583	566	627	661	733	634	756	778	+23	+03
Norway . . . . .	76	90	88	---	110	93	118	117	+26	-01
Portugal . . . . .	219	248	249	225	220	232	216	231	---	+07
Sweden . . . . .	378	395	400	410	408	398	410	454	+14	+11
Switzerland . . . . .	194	203	217	212	224	210	243	---	---	---
United Kingdom . . . . .	818	1,181	1,298	1,574	1,599	1,294	1,475	1,491	+15	+01
Total-West 2/ . . . . .	9,765	10,768	11,288	11,657	12,365	11,168	12,888	13,060	+17	+01
Total-East 3/ . . . . .	4,358	4,673	5,050	5,283	5,847	5,043	6,105	6,176	+22	+01
Total Europe . . . . .	14,123	15,441	16,338	16,940	18,212	16,211	18,993	19,236	+19	+01
<b>U.S.S.R.</b> . . . . .	2,775	3,000	3,800	4,500	4,175	3,650	4,400	5,000	+37	+14
<b>Union of South Africa</b> . . . . .	111	109	100	95	95	102	107	107	+05	---
<b>South-West Asia 4/</b>										
Turkey . . . . .	---	---	---	---	---	---	---	---	---	---
Total . . . . .	4	4	4	4	4	4	4	4	---	---
<b>South &amp; East Asia</b>										
Japan . . . . .	104	173	206	118	181	156	238	297	+90	+25
Philippines . . . . .	98	134	136	144	154	133	151	187	+41	+24
Total . . . . .	202	307	342	262	335	289	389	484	+67	+24
<b>Oceania</b>										
Australia . . . . .	193	191	186	205	219	199	204	207	+04	+01
New Zealand 5/ . . . . .	87	87	92	84	87	87	91	83	-05	-09
Total . . . . .	280	278	278	289	306	286	295	290	+01	-03
<b>TOTAL</b> . . . . .	31,054	33,075	33,129	34,316	36,619	33,639	38,072	38,209	+14	---

See Footnotes on page 6.



Table 4.--LAMB, MUTTON & GOATMEAT: Production in 43 countries, average 1951-55, annual 1951-57 1/

Countries	1951	1952	1953	1954	1955	Average 1951-55	1956	1957	Change	
									1957 1951-55	1957 1956
	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Percent	Percent
<b>North America</b>										
Canada . . . .	28	26	30	31	34	30	33	33	+10	---
Mexico . . . .	66	68	49	50	45	56	28	29	-48	+04
United States .	521	648	729	734	758	678	741	710	+05	-04
Cuba . . . . .	2	2	2	2	2	2	1	1	-50	---
Total . . . .	617	744	810	817	839	766	803	773	+01	-04
<b>South America</b>										
Argentina . . .	340	424	423	453	438	416	416	---	---	---
Brazil . . . .	81	121	128	121	127	116	117	118	+02	+01
Chile . . . . .	59	75	78	73	---	70	---	---	---	---
Colombia . . . .	3	3	3	---	---	3	4	---	---	---
Paraguay . . . .	---	---	---	---	---	1	---	---	---	---
Uruguay . . . .	110	138	139	121	139	129	104	78	-40	-25
Total . . . .	594	762	772	772	774	735	708	577	-21	-19
<b>Europe</b>										
Austria . . . .	---	---	4	4	3	4	3	3	-25	-25
Belgium . . . .	6	5	5	6	5	5	5	4	-20	-20
Denmark . . . .	3	3	2	2	2	2	2	2	---	---
Finland . . . .	12	14	12	13	11	12	12	---	---	---
France . . . . .	223	233	245	245	256	240	245	256	+07	+04
Germany, West .	---	42	53	47	41	44	39	40	-08	+03
Greece . . . . .	80	99	112	127	149	113	144	146	+29	+01
Ireland . . . .	32	45	45	48	56	45	58	56	+24	-03
Italy . . . . .	113	113	110	107	99	08	98	---	---	---
Netherlands . .	16	11	17	16	13	15	13	14	-07	+08
Norway . . . . .	35	36	37	---	37	36	33	33	-08	---
Portugal . . . .	49	51	48	53	50	50	48	49	-02	+02
Sweden . . . . .	5	5	5	5	4	5	4	3	-40	-25
Switzerland . .	7	7	8	8	7	7	7	---	---	---
United Kingdom .	291	365	375	460	391	376	434	435	+16	---
Total-West 2/ .	1,184	1,304	1,298	1,398	1,332	1,300	1,357	1,358	+04	---
Total-East 3/ .	344	461	405	446	421	416	463	454	+09	-02
Total Europe . .	1,528	1,765	1,703	1,844	1,753	1,716	1,820	1,812	+06	---
<b>U.S.S.R.</b> . . .	950	1,150	1,250	1,250	1,450	1,210	1,475	1,440	+19	-02
<b>Union of South Africa</b> . . . .	165	190	200	220	225	200	224	224	+12	---
<b>South-West Asia 1/</b>										
Turkey . . . . .	179	178	176	186	211	186	228	---	---	---
Total . . . . .	686	685	683	683	766	701	808	808	+15	---
<b>South &amp; East Asia</b>										
Japan . . . . .	1	1	2	2	10	3	14	14	+367	---
Philippines . .	3	4	4	4	3	4	2	2	-50	---
Total . . . . .	4	5	6	6	13	7	16	16	+129	---
<b>Oceania</b>										
Australia . . .	581	801	835	870	874	792	772	872	+10	+13
New Zealand 5/ .	655	779	745	734	775	738	788	751	+02	-05
Total . . . . .	1,236	1,580	1,580	1,604	1,649	1,530	1,560	1,623	+06	+04
<b>TOTAL</b> . . . .	5,780	6,881	7,004	7,196	7,469	6,865	7,414	7,273	+06	-02

See Footnotes on page 6.

Table 5.--HORSEMEAT: Production in 13 countries, average 1951-55  
annual 1951-57 1/

Countries	1951	1952	1953	1954	1955	Average 1951-55	1956	1957	Change	
									1957 1951-55	1957 1956
	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Percent	Percent
<u>Europe</u>										
Austria . . .	---	---	10	11	11	10	12	14	+40	+17
Belgium . . .	50	43	50	60	52	51	46	38	-25	-17
Denmark . . .	14	12	15	19	11	14	11	11	-21	---
France . . .	176	176	176	198	198	185	187	194	+05	+04
Germany, West	---	74	68	71	55	68	53	44	-35	-17
Italy . . .	58	59	64	66	69	63	70	---	---	---
Netherlands	29	24	23	31	27	27	27	25	-07	-07
Norway . . .	6	6	5	---	6	6	---	---	---	---
Portugal . . .	2	2	2	2	3	2	5	6	+200	+20
Sweden . . .	29	29	27	25	28	28	26	21	-25	-19
Switzerland	7	8	8	8	9	8	10	---	---	---
Total-West 2/	478	467	473	528	506	490	511	507	+03	+01
Total-East 3/	75	67	86	73	44	69	22	25	-61	+14
Total Europe	553	534	559	601	550	559	533	532	-05	---
<u>South &amp; East Asia</u>										
Japan . . .	37	35	50	53	46	44	53	44	---	-17
Philippines	2	2	2	2	2	2	3	2	---	-33
Total	39	37	52	55	48	46	56	46	---	-18
TOTAL	592	571	611	656	598	605	589	578	-02	-02

- 1/ Carcass meat: beef, veal, pork, mutton, lamb, goatmeat and horsemeat. Excludes variety, rabbit and poultry meat.
- 2/ Includes estimates for Spain.
- 3/ Estimates for Bulgaria, Czechoslovakia, Germany (East), Poland, and Rumania based largely on official data for liveweight slaughter. Also includes Hungary and Yugoslavia.
- 4/ Includes estimates for Egypt, Iran and Iraq.
- 5/ For year ending September 30.

Prepared or estimated on the basis of official statistics of foreign governments, other foreign source material, reports of U. S. Agricultural Attaches and Foreign Service officers, results of office research and related information. Foreign Agricultural Service 1958.



Table 6.--TOTAL MEAT: Production in 43 countries, average 1951-55  
annual 1951-57 1/

Countries	1951	1952	1953	1954	1955	Average 1951-55	1956	1957	Change	
									1957 1951-55	1957 1956
	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Percent	Percent
<b>North America</b>										
Canada . . . .	1,826	2,041	2,024	2,203	2,332	2,086	2,415	2,318	+11	-04
Mexico . . . .	1,153	1,155	1,071	1,154	1,160	1,139	1,228	1,346	+18	+10
United States	21,988	22,994	24,688	25,214	26,896	24,356	28,056	26,930	+11	-04
Cuba . . . . .	474	452	458	454	467	461	480	500	+08	+04
Total . . . .	25,441	26,642	28,241	29,025	30,855	28,042	32,179	31,094	+11	-03
<b>South America</b>										
Argentina . . .	4,825	4,667	4,657	4,798	5,515	4,893	6,380	---	---	---
Brazil . . . .	3,018	3,107	3,156	3,248	3,214	3,149	3,168	3,230	+03	+02
Chile . . . . .	358	382	398	330	---	358	---	---	---	---
Colombia . . . .	742	724	688	---	---	706	799	---	---	---
Paraguay . . . .	173	171	171	211	211	187	---	---	---	---
Uruguay . . . .	795	845	889	825	578	786	617	674	-14	+09
Total . . . .	9,911	9,896	9,959	10,100	10,529	10,079	11,498	11,422	+13	-01
<b>Europe</b>										
Austria . . . .	---	---	679	674	696	654	719	734	+12	+02
Belgium . . . .	716	778	803	840	863	800	881	861	+08	-02
Denmark . . . .	1,091	1,073	1,275	1,394	1,403	1,247	1,354	1,551	+24	+15
Finland . . . .	240	232	240	282	303	261	303	---	---	---
France . . . . .	4,093	4,404	4,844	5,267	5,445	4,811	5,511	5,508	+14	---
Germany, West	---	4,408	4,703	4,899	5,282	4,680	5,367	5,706	+22	+06
Greece . . . . .	146	169	184	204	229	186	230	238	+28	+03
Ireland . . . . .	337	390	417	474	405	404	377	423	+05	+12
Italy . . . . .	1,460	1,746	1,812	1,767	1,844	1,725	2,072	---	---	---
Netherlands . .	1,029	994	1,053	1,125	1,230	1,087	1,241	1,276	+17	+03
Norway . . . . .	223	228	218	---	273	238	261	261	+10	---
Portugal . . . .	334	367	376	371	362	361	343	361	---	+05
Sweden . . . . .	716	716	696	715	765	722	715	738	+02	---
Switzerland . .	396	423	445	444	447	431	474	---	---	---
United Kingdom	2,555	2,878	3,039	3,719	3,567	3,151	3,715	3,752	+19	+01
Total-West 2/	19,398	20,845	22,098	23,787	24,423	22,106	25,062	25,427	+15	+01
Total-East 3/	6,571	7,190	7,513	7,694	8,321	7,460	8,762	8,780	+18	---
Total Europe	25,969	28,035	29,611	31,481	32,744	29,566	33,824	34,207	+16	+01
<b>U.S.S.R.</b>										
U.S.S.R. . . . .	7,450	8,350	8,975	9,675	9,725	8,835	10,275	10,840	+23	+05
<b>Union of South Africa</b>										
Union of South Africa . . . .	926	929	1,025	1,025	974	976	1,066	1,069	+10	---
<b>South-West Asia 4/</b>										
Turkey . . . . .	290	298	309	353	400	330	431	---	---	---
Total . . . . .	1,188	1,203	1,265	1,256	1,358	1,255	1,430	1,430	+14	---
<b>South &amp; East Asia:</b>										
Japan . . . . .	294	370	439	359	543	400	612	599	+50	-02
Philippines . .	176	224	227	195	207	206	214	248	+20	+16
Total . . . . .	470	594	666	554	750	606	826	847	+40	+03
<b>Oceania</b>										
Australia . . .	2,202	2,331	2,604	2,700	2,771	2,522	2,637	2,852	+13	+08
New Zealand 5/	1,139	1,296	1,245	1,263	1,367	1,262	1,438	1,429	+13	-01
Total . . . . .	3,341	3,627	3,849	3,963	4,138	3,784	4,075	4,281	+13	+05
TOTAL . . . .	74,696	79,276	83,591	87,079	91,073	83,143	95,173	95,190	+14	---

See Footnotes on page 6.

These changes in production have necessarily reduced consumption in many parts of the world and resulted in generally high or stable meat prices. Prices in Western Europe which normally would have declined due to high domestic output, remained relatively high during 1957 and early 1958. Prices of pork in Europe, which is self-sufficient in pork products and thus not greatly affected by shortages in other areas, dropped considerably during late 1957 but recovered in 1958. Meat prices in North America have shown sharp rises, especially in the lower grades of manufacturing meat, while consumption has dropped. Prices of top-grade animals and meat throughout the major Southern Hemisphere exporting areas have remained steady, or have risen. There have been sharp increases in manufacturing meat prices in Oceania since early 1958.

The effect of price changes on world trade has been to reduce exports to the large meat consuming area of Western Europe, and to divert some meat to North America. Although South American exporting areas were able to maintain and even increase their exports during 1957 at the expense of domestic consumption, 1958 exports are expected to decline.

U. S. meat producers may thus expect to see imports of livestock and meat during 1958 reach a new record. Larger imports of preserved and canned meat from Argentina, of boneless manufacturing beef from New Zealand and of fresh meat and livestock from Canada and Mexico are features of U. S. trade during 1958. U. S. exports of meat and meat products may be expected to drop sharply.

#### North America

Production in Canada, Cuba, Mexico and the United States, the 4 countries of North America for which estimates were made, declined more than 3 percent from 1956 to 1957. Increases in Mexico and Cuba did not offset a sharp drop in Canadian pork production and in all types of U. S. meat production.

Canadian pork production will rise in 1958, but beef, lamb and mutton production is expected to remain level or increase only slightly, leaving the country with a small net increase in production. Mexican production is expected to increase in 1958, but probably not as much as during 1957. Large exports of feeder animals to the United States and the desire of ranchers to build up their breeding herds to restock ranges in northern Mexico are expected to reduce the number of cattle for slaughter. Cuban production is expected to continue its increase in both quantity and quality. Improved Cuban management and breeding practices have increased the carrying capacity of pastures and meat production per animal in recent years. Cuban pork production, though still far below domestic requirements, continues to develop. U. S. meat production is expected to drop again from 1957 to 1958.

It is probable, therefore, that meat production in the 4 North American countries will drop 2 percent from 1957 to about 30,600 million pounds in 1958. Consequently imports must be increased if the per capita consumption of meat in the area is to be maintained.



## South America

Meat production in the 6 South American countries for which estimates are made dropped less than 1 percent from 1956 to 1957. A general increase in production throughout most countries of South America was offset by a sharp drop in Argentine beef, lamb and mutton. Uruguay showed a strong recovery in beef production but output of other types of meat dropped. Production of all types of meat increased moderately in Brazil while it remained about level throughout the rest of South America.

Argentine beef production is expected to drop again during 1958 as a result of reductions in cattle numbers during 1957. Heavy slaughter for several years has reduced herds to the point where concern is being expressed in that country as to its continued ability to supply both a growing domestic demand and traditional export markets. Pork production will probably increase somewhat in 1958. Mutton and lamb production is also expected to rise. Although Uruguayan beef production rose sharply during 1957, a sizable drop is expected in 1958. Continued labor troubles in the packing houses and declining cattle numbers are expected to contribute to a reduction of production to about 1956 levels or lower. Brazilian meat production in 1958 is expected to exceed 1957. However, because of large losses of livestock by drought in northeastern Brazil, the rise is expected to be small. Production in Chile, Columbia and Uruguay is expected to increase somewhat.

Meat production for the 6 South American countries during 1958 is expected to be about 1 percent below 1957. With its rising standard of living, South America's rising population will probably need more meat during 1958. The resulting decrease in stocks available for export may have a significant effect upon the international meat trade.

## Western Europe

Production in the 16 Western European countries rose about 1 percent during 1957 with the greatest increase in pork. Larger hog numbers and heavy slaughter pushed pork production up sharply throughout the area. There were unusually large increases in Ireland, Denmark and Sweden. With the large pork output, prices dropped, and there was concern throughout the exporting countries. The effect of increases in beef and veal output in Denmark, West Germany, Ireland and the United Kingdom was reduced by a drop in French production. Production of horsemeat, lamb and mutton showed slight gains in all of Western Europe.

Farmers throughout northwestern Europe increased hog numbers during 1957, and higher pork production is expected for 1958. This increase in production has caused intensified efforts to open new markets for pork products, especially in North and South America, and encourage higher domestic consumption. Beef and veal production in 1958 is not expected to rise as sharply as pork production. Moderate increases in Danish, French and West German output will be largely offset by stable or lowered output throughout the remainder of the area. Production of lamb and mutton is expected to rise slightly while horsemeat production will probably drop again.



## Eastern Europe

Production of meat in Eastern Europe increased steadily from 1951 to 1956 but leveled off in 1957. The increase in pork and horsemeat in 1957 was offset by a decrease in beef and veal, mutton, lamb and goat.

The Eastern European countries all plan to increase livestock production in the next few years with emphasis on increased beef production. Success will depend almost completely upon increases in feed output. Pork production, which is now relatively high in Eastern Europe, will probably continue to increase. Abundant supplies of canned hog products from Poland and Czechoslovakia are expected to be available for export to non-Communist countries. Hungary has large numbers of hogs for export. Yugoslavia will have the usual number of animals and meat for export.

The production data in the table are based in part on recently published official data.

## U.S.S.R.

The 5 percent rise in meat production in the U.S.S.R. during 1957 was due to a rapid increase in pork production. The output of other types of meat remained relatively unchanged from 1956 to 1957. This increase in pork production is a reflection of the intensive efforts made during the last few years to encourage hog raising. Both numbers of hogs and pork output have risen sharply above the 1951-55 average.

The Russian Government is calling for increased meat production in the future, and numbers of all types of animals have been built up rapidly. Output of red meat is expected to continue to rise during 1958.

## Oceania

Meat production in Australia and New Zealand increased sharply to 5 percent above 1956 levels in 1957. Severe drought in Australia resulted in some liquidation of herds in stricken areas with consequent heavy slaughter. Because of the nature of the slaughter, the quality of meat suffered, and the greatest increase was in canned and boneless meat production. A slight drop in pork production was not enough to offset the large rise in beef, mutton and lamb.

Australian sheep and cattle numbers have now been cut back and little further reduction is expected. If the drought situation continues to improve and pastures regenerate themselves this year, the combined effects of low cattle numbers and restocking may reduce beef production sharply. Lamb and mutton output during 1958 is expected to remain at a level equal to or slightly lower than 1957. New Zealand beef production, which was unusually high during 1957, is expected to remain about level during 1958 while mutton and lamb production may increase moderately to about 1956 levels.

Meat production for the 2 countries is expected to drop slightly during 1958, and reduce supplies for export.

#### Other Areas

Meat production in the 4 countries of Southwest Asia---Egypt, Turkey, Iran and Iraq---is believed to have remained relatively constant during 1956 and 1957. Production in 1957 was 14 percent above the 1951-55 average.

Progress throughout the area is hampered by disease, and by marketing and processing problems. U. S. aid in Turkey has helped, but progress is slow. In 1956 only 203 million pounds of beef and veal were produced from cattle and buffalo numbering over 12 million. This was less than 17 pounds per head. The comparable average for the United States was about 166 pounds.

Production in Japan and the Philippine Republic, the 2 countries of the Far East studied, continued to show impressive advances. Sharp increases in livestock numbers, encouraged by governmental action and U. S. aid, have made possible a corresponding increase in production and consumption. Although domestic production in Japan is expected to continue its upward trend, the large Japanese population, with its rising standard of living, is expected to eat more imported meat.

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